



HURRICANE DORIAN BRIEFING

12:30 PM EDT
Saturday, August 31, 2019

Prepared by:
WFO Atlanta/Peachtree City



Situation Overview

Hurricane Dorian



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- Main change from yesterday - Dorian's track has shifted eastward and the center of the storm is now forecast to stay offshore of the Florida & Georgia coastlines.
- Impacts to portions of north and central Georgia appear to be limited at this time and look to occur mostly within the middle of next week (Tue - Thurs).
REMEMBER: Impacts could be felt far outside the main storm track.
- Plenty of uncertainty remains on where Dorian will track beyond 48 hours, and small changes to the track may result in increased impacts to the forecast area. Stay vigilant in keeping up with the latest information.

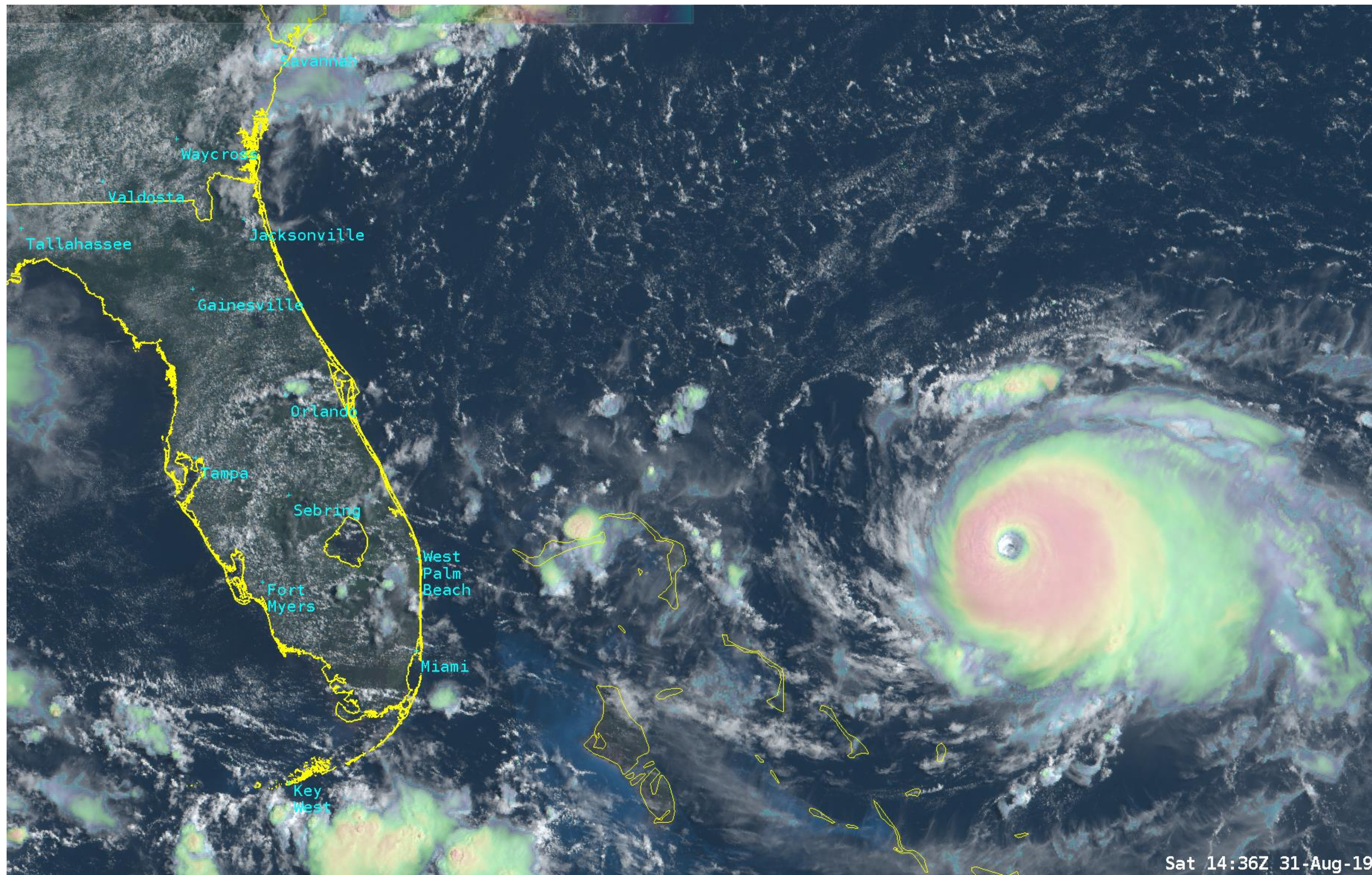
Current Satellite View

Hurricane Dorian



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- Current satellite view of Hurricane Dorian; now a high-end Category 4 Hurricane (150 mph).
- Dorian is expected to remain a powerful hurricane over the next few days.

Sat 14:36Z 31-Aug-19

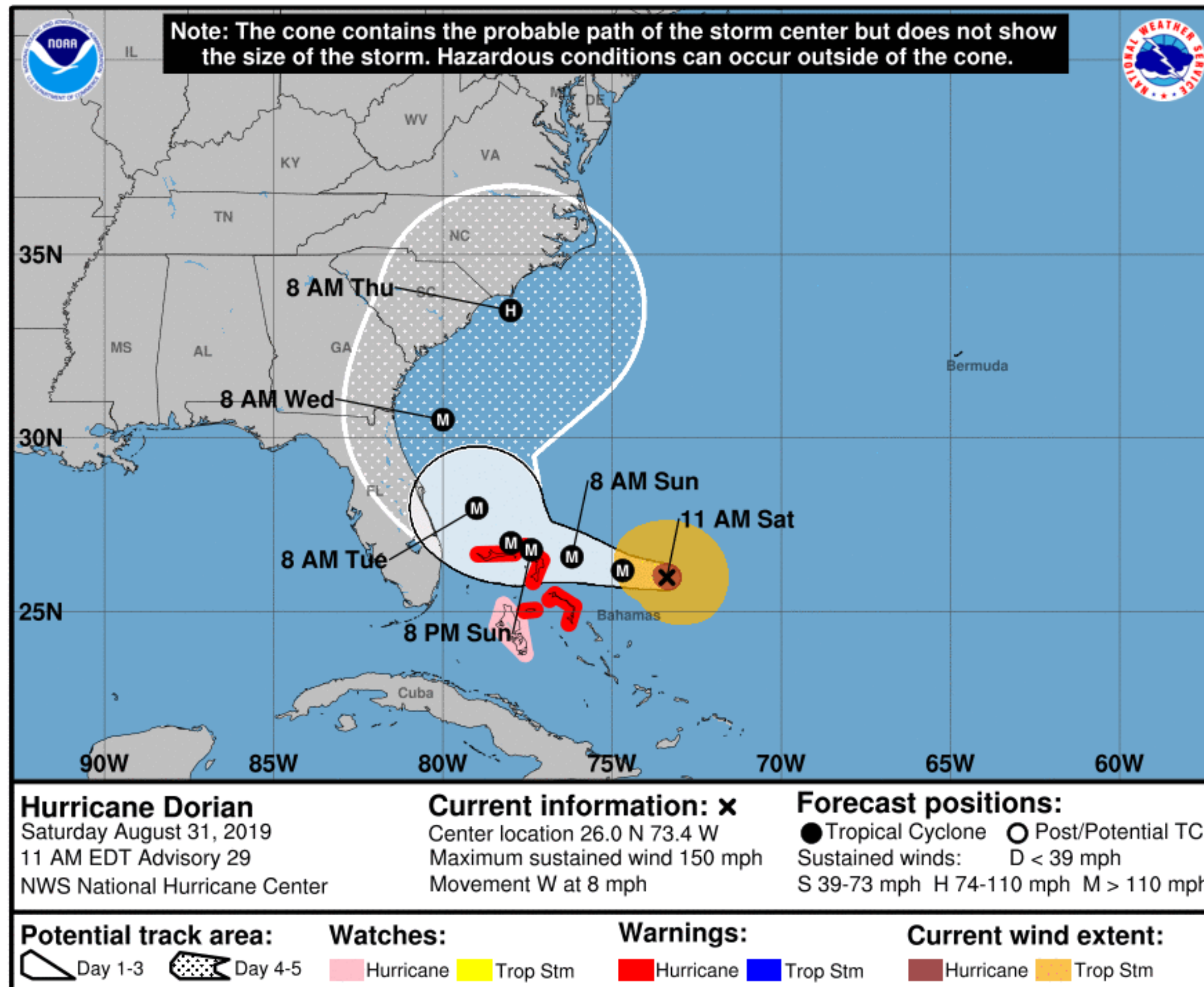
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NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

- Dorian continues to intensify and is expected to turn towards the right by Mon-Tues.
- Models are showing increased confidence that the center of the storm will remain offshore of the FL/GA/SC coastlines.
- As the storm moves northward, a gradual weakening is expected to occur, but Dorian is still expected to be a Major Hurricane on Wednesday as it nears the GA coast.

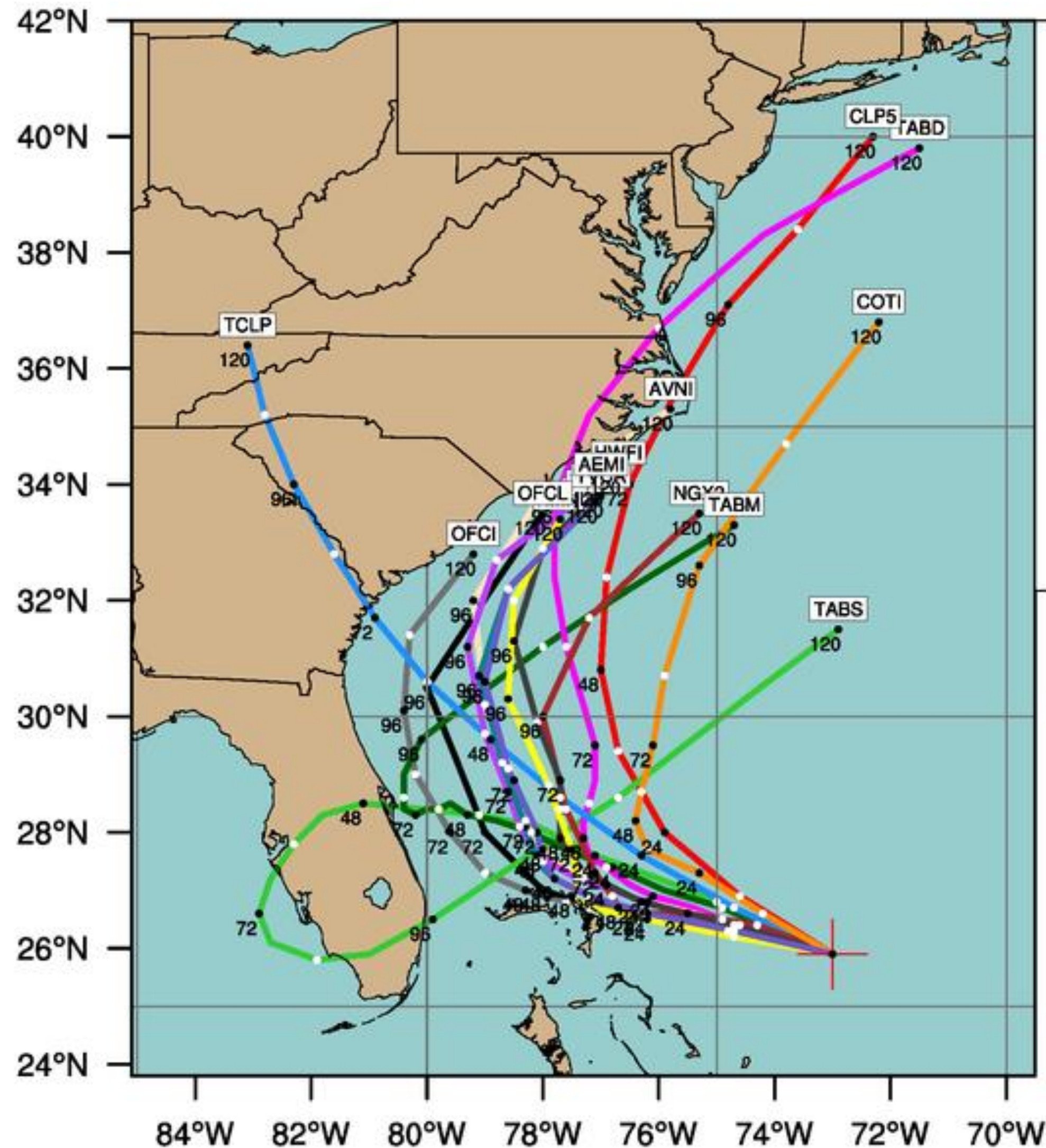
Model Uncertainty

Hurricane Dorian



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- There is large uncertainty in the exact location and timing of the northward turn of Hurricane Dorian
- There are still several model solutions that do not forecast the northward turn so soon, potentially increasing impacts to the forecast area.
- Uncertainty continues to exist on Dorian's track, and further changes are likely.

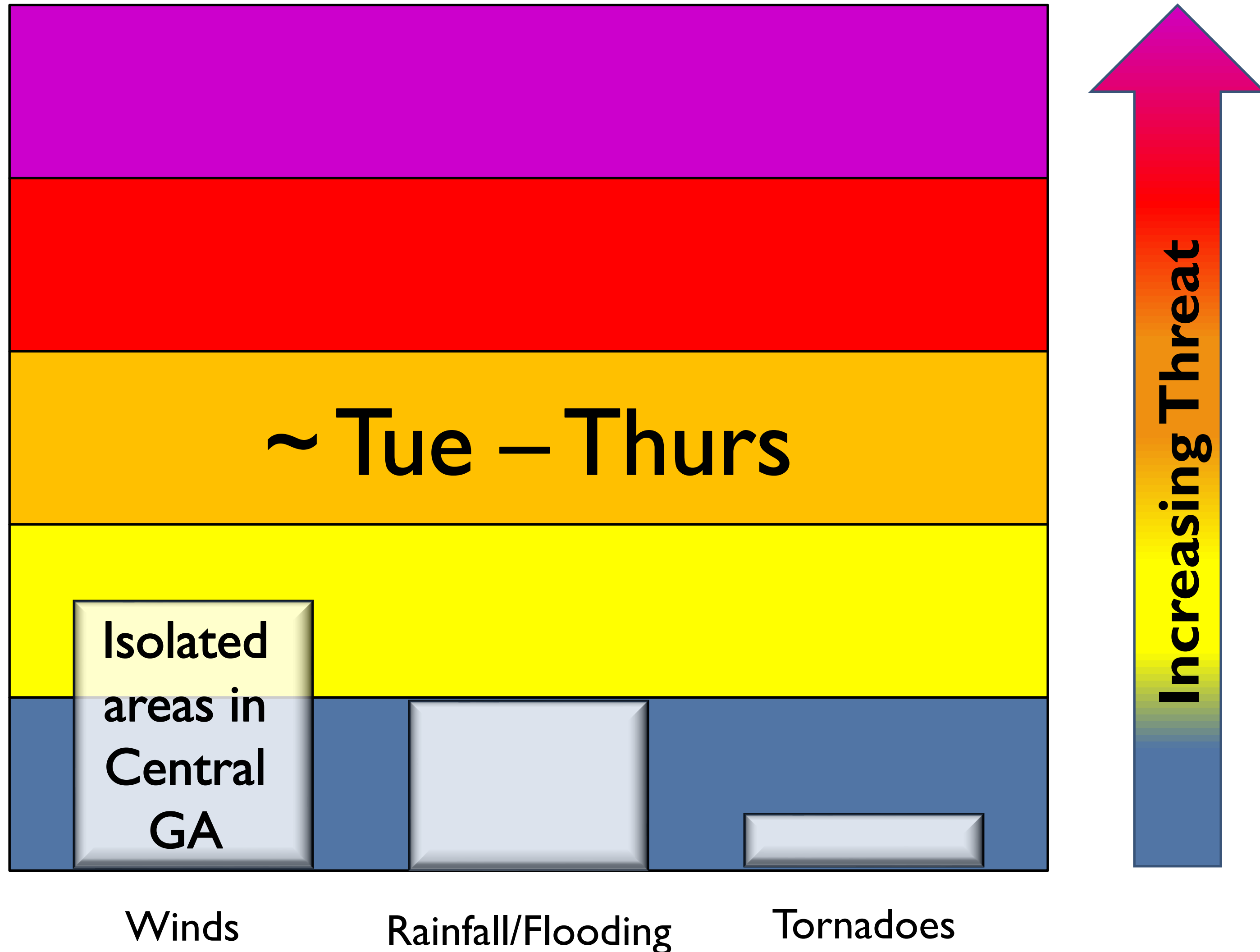
Threat Levels

Hurricane Dorian

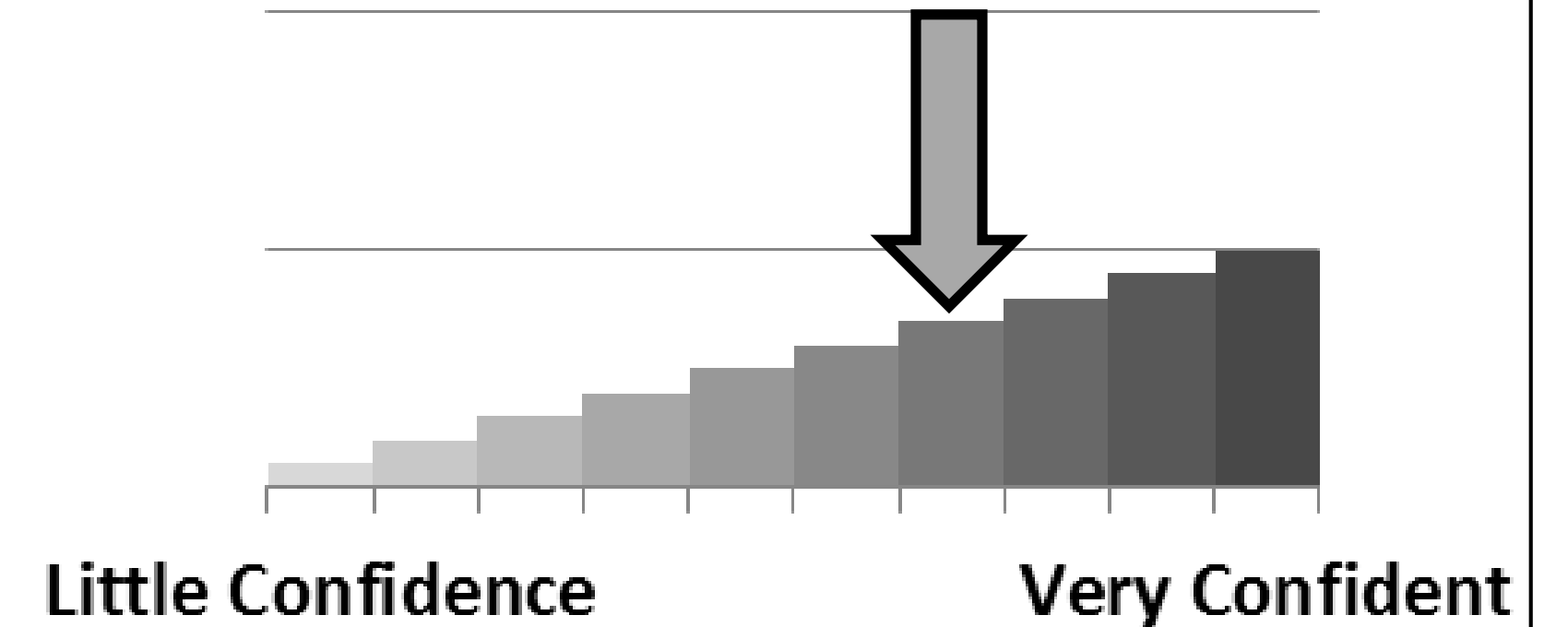


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Forecast Confidence



- Latest guidance suggests impacts to north and central GA will be limited.
- Changes are likely, and threat levels will be adjusted accordingly.

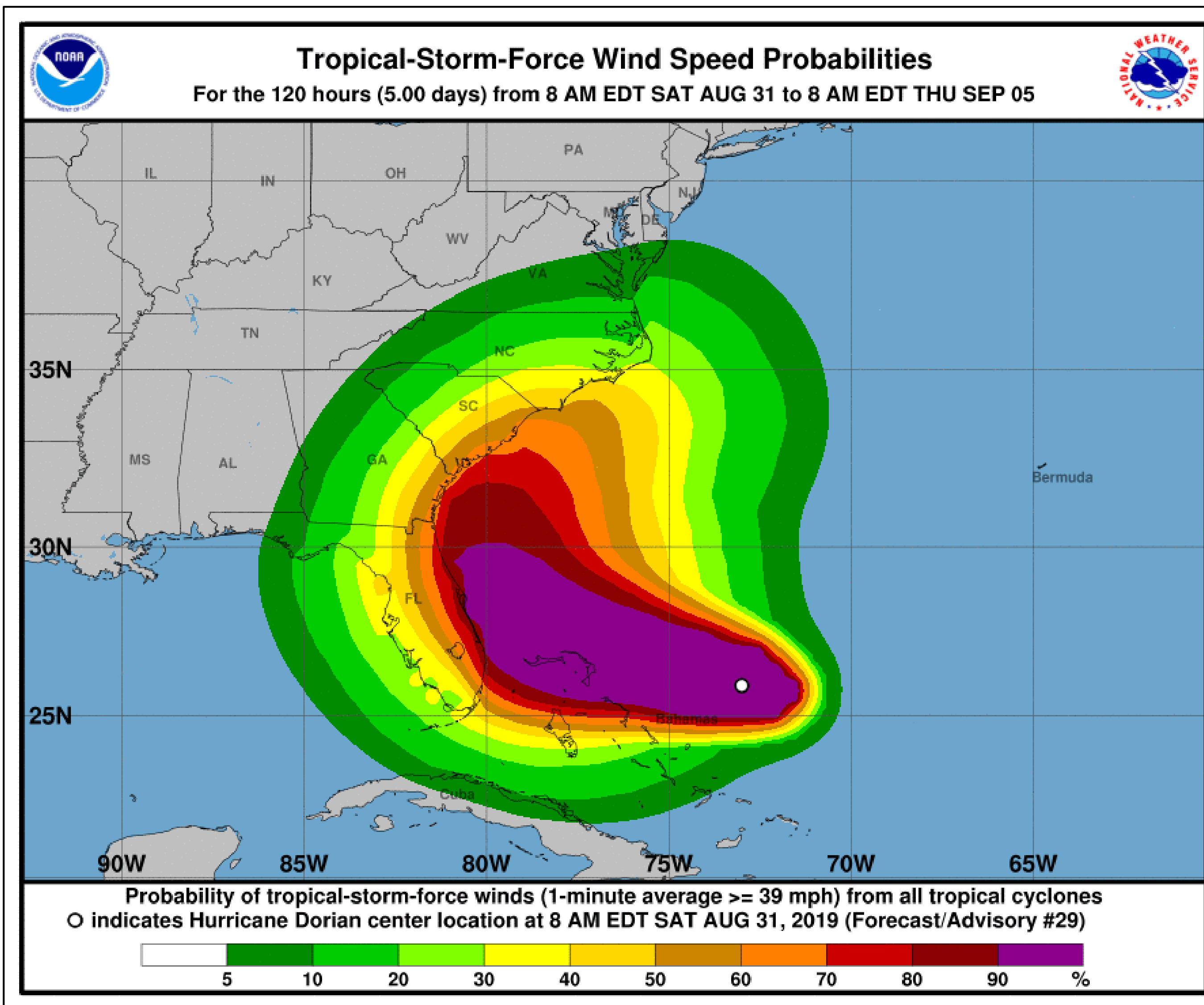
For information on specific hazards in this area, please go to <https://www.weather.gov/ffc>

TS Wind Speed Probabilities

Hurricane Dorian



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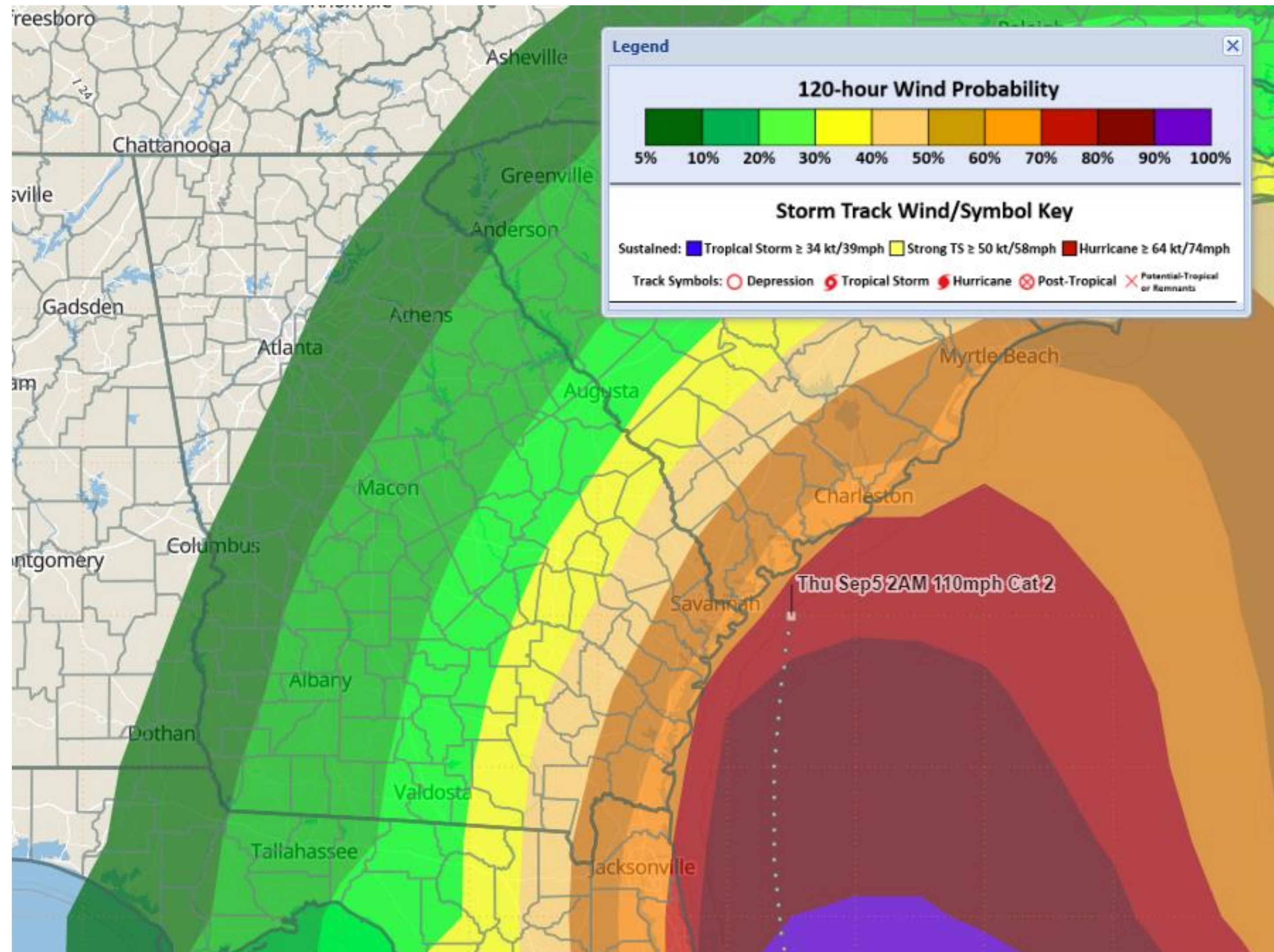
- Though Dorian appears to be staying further east, it is now also expected to remain a Major Hurricane through Wednesday.
- Portions of Central Georgia continues to have a 10-30 percent chance (through day 5 – Wednesday), though this is likely to change with future updates.

TS Wind Speed Probabilities

Hurricane Dorian



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- Though Dorian appears to be staying further east, it is now also expected to remain a Major Hurricane through Wednesday.
- Portions of Central Georgia continues to have a 10-40 percent chance (through day 5 – early Thurs), though this is likely to change with future updates.

Expected Storm Total Rainfall

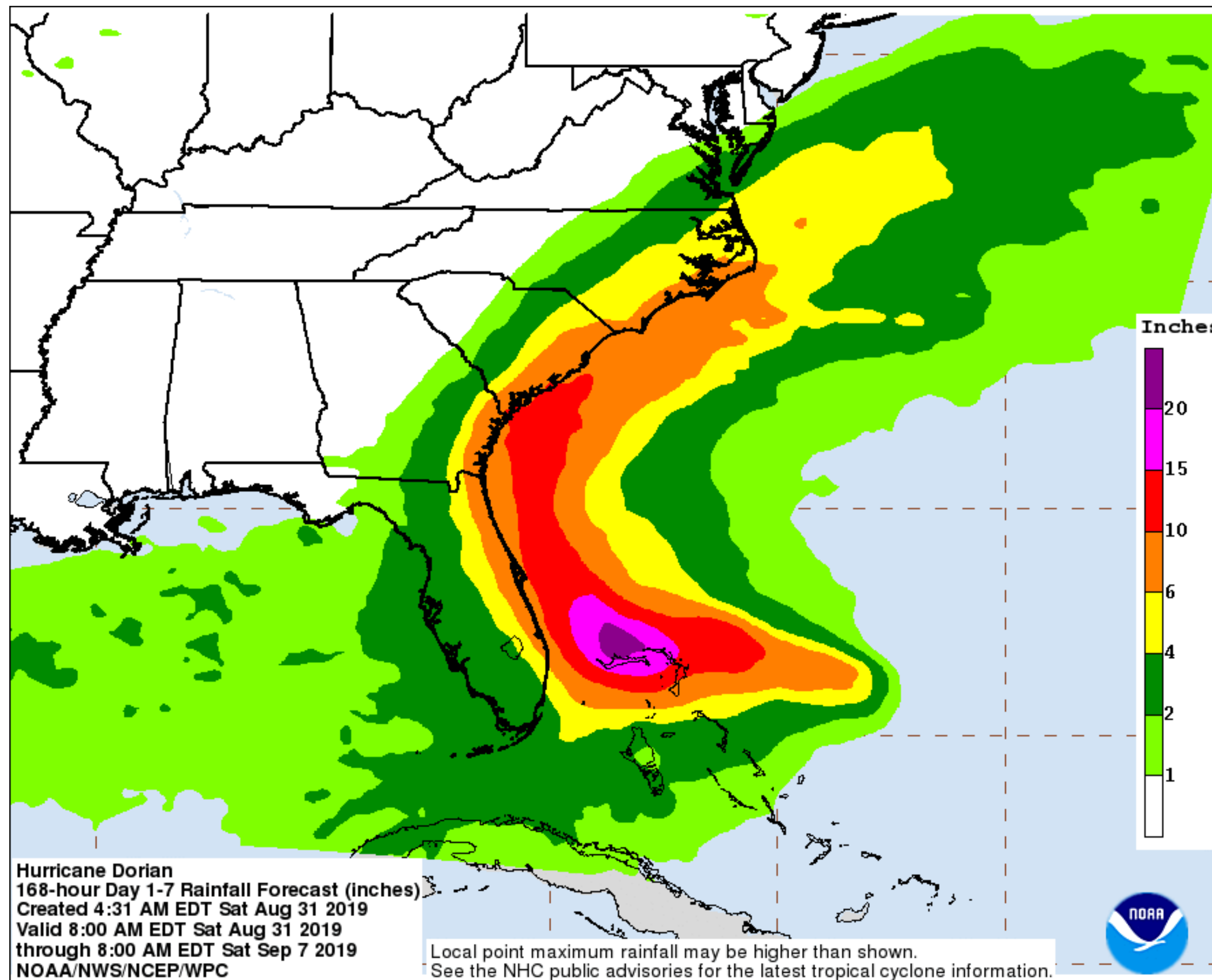
Hurricane Dorian



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Note: There will likely be locally higher amounts



- Storm Total rainfall forecast valid through Friday Night
- Heaviest rainfall totals are likely to be along the coast

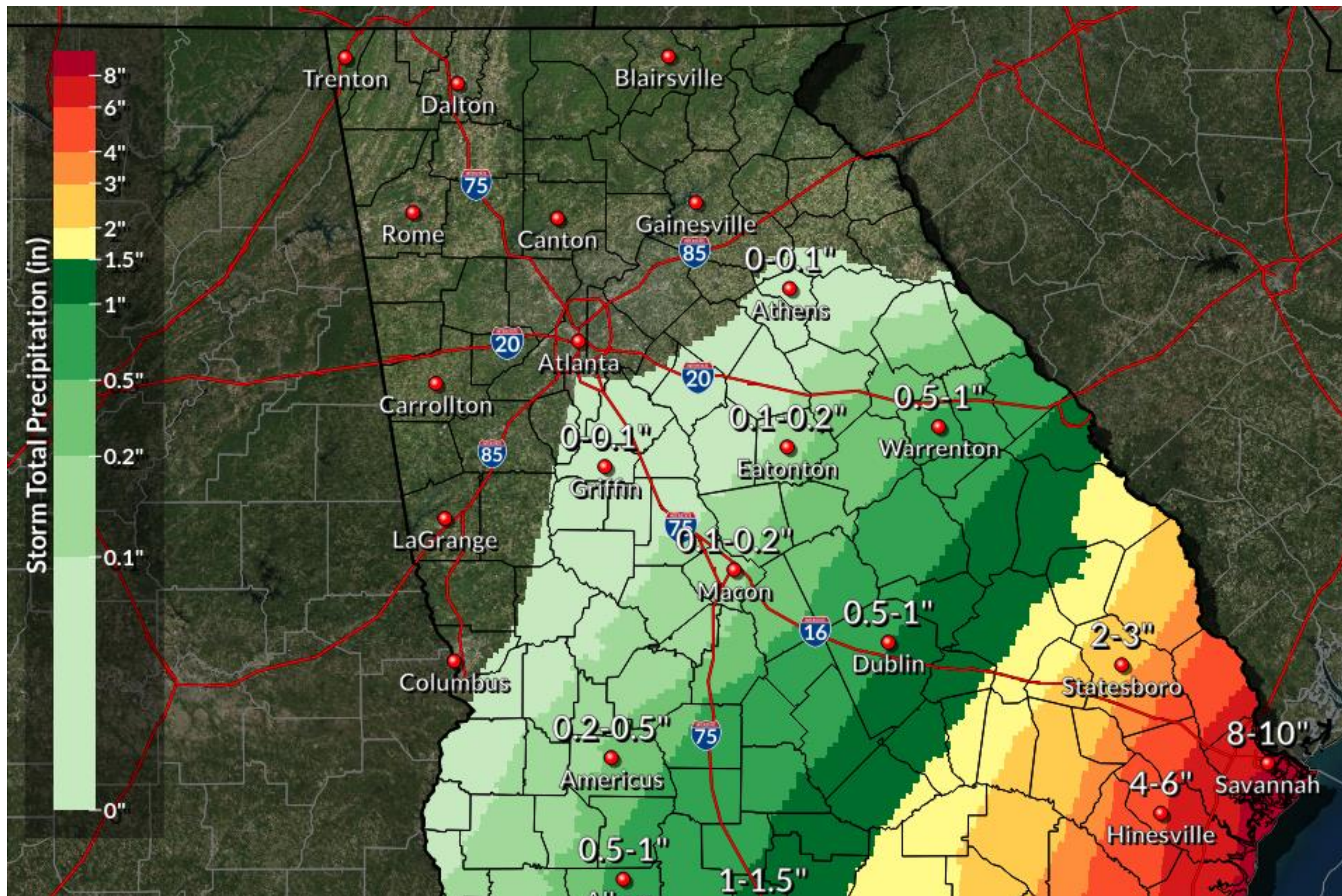
Expected Storm Total Rainfall – Georgia

Hurricane Dorian



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- Storm Total rainfall forecast valid Tuesday through Friday Night
- Current forecast is subject to change with updated track information.
- However, the heaviest rainfall expected locally will be towards the southeastern forecast area with 2-3" currently forecast.

Key Take-Aways

Hurricane Dorian



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- Main change from yesterday is Dorian's track has shifted eastward and now stays offshore of the Florida, Georgia, and South Carolina coastlines.
- Impacts to portions of north and central Georgia appear to be limited at this time and look to occur mostly within the middle of next week (Tue - Thurs). *Impacts will be felt far outside the main storm track.*
- Plenty of uncertainty remains on where Dorian will track beyond 48 hours, and small changes to the track may result in increased impacts to the forecast area. Stay vigilant in keeping up with the latest information.

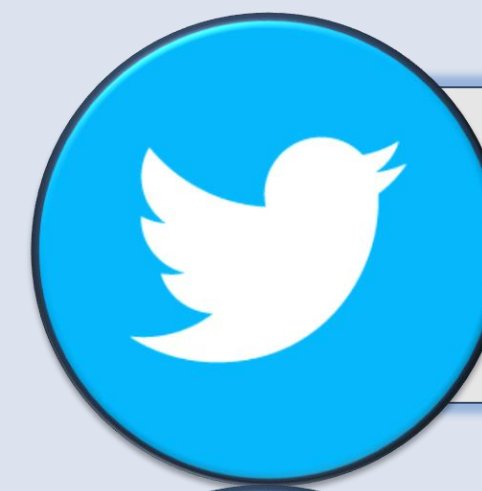


*The Next Briefing Will Be:
Sunday 12:30 PM EDT*

Slides available at <http://www.weather.gov/ffc/briefings>



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You can always find get the latest graphics and information for this storm at www.hurricanes.gov



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